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(21) International Application Number: PCT/US99/20942 (22) International Filing Date: 13 September 1999 (13.09.99) (30) Priority Data: 60/100,285 14 September 1998 (14.09.98) US (71) Applicant (for all designated States except US): UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY [US/US]; 335 George Street, P.O. Box 2688, New Brunswick, NJ 08903 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): DINMAN, Jonathan, D. [US/US]; 33 Princess Drive, North Brunswick, NJ 08902 (US). PELTZ, Stuart, W. [US/US]; 67 Castle Pointe Boulevard, Piscataway, NJ 08854 (US). (74) Agents: COPPOLA, William, C et al.; Gibbons, Del Deo, Dolan, Griffinger & Vecchione, One Riverfront Plaza, Newark, NJ 07102-5497 (US).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: <u>RIBOSOMAL FRAMESHIFT TARGETS</u> (57) Abstract Sequences involved in ribosomal frameshifting have been discovered in mammalian genes. Methods of identifying ribosomal frameshift sequences in mammalian genes are disclosed. Methods of regulating gene expression by modulating ribosomal frameshifting are disclosed.		

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